

REVISIONS TO CLAIMS

1. (currently amended) A lamp (1, 21, 32) comprising a bulb (5, 6, 23, 24, 35) that generates visible light and infrared light, characterized in that the bulb (5, 23, 35) is provided with a coating (8) that reflects middle infrared radiation and is transparent to near infrared radiation.
2. (original) A lamp as claimed in claim 1, characterized in that the bulb (5, 23, 35) has an elliptical shape.
3. (original) A lamp as claimed in claim 1, characterized in that the coating (8) has an interference coating with 37 individual layers of Nb₂O₅ and SiO₂.
4. (previously presented) A lamp as claimed in claim 1, characterized in that the bulb (5, 23, 35) is provided with a coating (10) that eliminates visible light.
5. (previously presented) A lamp as claimed in claim 1, characterized in that the bulb (5, 23, 35) is surrounded by an external bulb (6, 24) having a coating (10) that eliminates visible light.

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6. (previously presented) A lamp as claimed in claim 4, characterized in that the coating (10) comprises Fe_2O_3 and SiO_2 layers.

7. (previously presented) A lamp as claimed in claim 4, characterized in that the coating (10) is arranged in a lower area (26) of the bulb.

8. (previously presented) A headlamp (21, 22) with a lamp (1, 21, 32) as claimed in claim 1.

9. (currently amended) A headlamp (31) with comprising
1 a reflector (34) and
2 a lamp (32) comprising a bulb (5, 6, 23, 24, 35) that generates visible light
3 and infrared light, characterized in that as claimed in claim 1,
4 characterized in that
5 the bulb (5, 23, 35) is provided with a coating (8) that reflects middle
6 infrared radiation and is transparent to near infrared; and
7 a lower reflector segment (39) is provided with a coating (40) which reflects
8 near infrared radiation and which is transparent to visible light.
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1 10. (new) A lamp for night vision comprising

2 • first and second elliptical bulbs, the second bulb being external to and surrounding the

3 first bulb;

4 • a first coating on the first bulb, which first coating comprises layers of Nb_2O_5 and

5 SiO_2 arranged such that infrared radiation of wavelength greater than 1000 nm is

6 substantially reflected and near infrared radiation in a range of 800 to 1000 nm is

7 substantially transmitted; and

8 • a second coating on the second bulb, which second coating comprises layers of Fe_2O_3

9 and SiO_2 arranged so that visible light having a wavelength in the range of 400 to 800

10 nm is substantially blocked.

11. (new) A vehicle headlight comprising the lamp of claim 10 and further comprising a reflector that reflects near infrared radiation and is transparent to visible light.

12. (new) A lamp as claimed in claim 2, characterized in that the bulb (5, 23, 35) is provided with a coating (10) that eliminates visible light

13. (new) A lamp as claimed in claim 2, characterized in that the bulb (5, 23, 35) is surrounded by an external bulb (6, 24) having a coating (10) that eliminates visible light.

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14. (new) A lamp as claimed in claim 5, characterized in that the coating (10) comprises Fe₂O₃ and SiO₂ layers.

15. (new) A lamp as claimed in claim 5, characterized in that the coating (10) is arranged in a lower area (26) of the bulb.

16. (new) A lamp as claimed in claim 6, characterized in that the coating (10) is arranged in a lower area (26) of the bulb.

17. (new) The lamp of claim 1, wherein the lamp is arranged for a night sight application.

18. (new) The lamp of claim 1, wherein the coating is transparent for substantially all wavelengths in the range of 800 to 1000 nm.